

L Number	Hits	Search Text	DB	Time stamp
4	876	A01M021/04.ipc.	EPO; JPO; DERWENT	2001/09/10 14:07
5	732	A01M021/04.ipc. not us.pc.	EPO; JPO; DERWENT	2001/09/10 14:10
6	125	(A01M021/04.ipc. not us.pc.) and (steam or heat or hot)	EPO; JPO; DERWENT	2001/09/10 14:11

L Number	Hits	Search Text	DB	Time stamp
1	20	steam with (fumigation or fumigant or defoliate or defoliant)	USPAT; US-PGPUB	2001/09/10 09:27
2	21	steam with (fumigation or fumigant or defoliate or defoliant)	EPO; JPO; DERWENT	2001/09/10 09:27

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Jeff Gellar Examiner #: 576446 Date: 10/31/01
 Art Unit: 3643 Phone Number 305-6053 Serial Number: 09/735186
 Mail Box and Bldg/Room Location: 3025 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

*10/10/01 - Search
5,848,497*

STAFF USE ONLY		Type of Search	Vendors and cost where applicable
Searcher:	<u>Tamie Tobe</u>	NA Sequence (#)	STN _____
Searcher Phone #:	<u>306-5967</u>	AA Sequence (#)	Dialog _____
Searcher Location:	<u>6112</u>	Structure (#)	Questel/Orbit _____
Date Searcher Picked Up:	<u>9/10</u>	Bibliographic	Dr. Link _____
Date Completed:	<u>9/10</u>	Litigation	Lexis/Nexis _____
Searcher Prep & Review Time:	<u>3</u>	Fulltext	Sequence Systems _____
Clerical Prep Time:		Patent Family	WWW/Internet _____
Online Time:		Other	Other (specify) _____

QUESTEL - Time in minutes : 0,81
The cost estimation below is based on Questel's
standard price list

Estimated cost : 0.64 USD
Cost estimated for the last database search : 0.64 USD
Estimated total session cost : 0.64 USD

Selected file: **LGST**

You are now connected to LGST
Current thru weekly updates (2001-35)
For information on content, ..INFO LGST

Selected file: **CRXX**

CRXX (CLAIMS Current Legal Status)
Legal Status actions current thru August 28, 2001 (2001-35/UP)
Reassignment data current as of June 8, 2001.
For info on technical content on this file, enter: INFO CRXX

Selected file: **PAST**

You are now connected to PAST, (c) Derwent Information Ltd
Covers 1973 thru weekly update (2001-36)
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Covers 1970 thru weekly update (2001-36)
For technical content information : see INFO LITA

Cluster : **LEGAL**
Databases : **LGST, CRXX, PAST, LITA**

Search statement 1

Query/Command : us5848492/pn

Term not in index/PN-LITA : US5848492

LGST	1
CRXX	1
PAST	1
LITA	0

**** SS 1 : Results 3**

Search statement 2

Query/Command : prt full 1-3

1 / 3 *LGST (1 / 1) - ©LEGSTAT*
PN - US 5848492 [US5848492]
AP - US 958073/97 19971027 [1997US-0958073]
DT - US-P
ACT - 19971027 US/AE-A
APPLICATION DATA (PATENT)
US 958073/97 19971027 [1997US-0958073]

19981215 US/A
PATENT

20010213 US/RF
REISSUE APPLICATION FILED
20001215
UP - 2001-07

2 / 3 *CRXX (1 / 1) - ©CLAIMS/RRX*
AN - 3085056
PN - 5,848,492 D 19981215 [US5848492]
PT - M (Mechanical)
PA - Brown, Claude E
ACT - 20001215 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010213
REISSUE REQUEST NUMBER: 09/735186
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3616

Reissue Patent Number:

UP - 2001-07
UACT - 2001-02-13

3 / 3 *PAST (1 / 1) - ©PAST*
AN - 200107-001249
PN - 5848492 A [US5848492]
DT - A (UTILITY)
OG - 2001-02-13
CO - REA
ACT - REISSUE APPLICATION FILED
SH - REISSUE APPLICATION FILED

Search statement 2

Please ENTER the NAME of the file you want to search. To see a description of a file, type its page number and press the ENTER key.

FILES - PAGE 1 of 7 (NEXT PAGE for additional files)

NAME	PG	DESCRIP	NAME	PG	DESCRIP
---CASES & ADMINISTRATIVE DECISIONS--			-----PATENTS GROUP FILES-----		
IPOMNI	1	Int Prop Cases & Reg Matl	ALL	4	UTIL, DESIGN, PLANT, SIR, REEXAM & REISS
PTOMNI	1	FEDCTS, PTO, ITC, ALLREG	ALLPAT	4	Comb. ALL & INTPAT
CASES	1	FEDCTS, PTO & ITC	-----U.S. PATENTS-----		
FEDCTS	2	Patent cases from Fed. Cts.	UTIL	4	Full Text Patents from 1971*
CCPA	2	Ct Customs & Patent Appeals	DESIGN	4	Full Text Patents from 1976
CAFC	2	Patent cases from Fed. Cir.	PLANT	4	Full Text Patents from 1976
PTO	2	PATAPP & COMMR	USPGP	4	Pre-Grant Pubs. from 3/01
-----SECONDARY SOURCES-----					
IPLTR	5	Intell Prop Law Nwltrs			
IPLR	5	Intell Prop Law Rev Articles			

* Selected coverage 1/15/71 to 12/3/74

LEVEL 1 - 1 OF 1 PATENT

5,848,492

<=2> GET 1st DRAWING SHEET OF 6

Dec. 15, 1998

Agricultural methods with superheated steam

REISSUE: Reissue Application filed Dec. 15, 2000 (O.G. Feb. 13, 2001) Ex. Gp.:
3616; Re. S.N. 09/735,186

CORE TERMS: superheated, generator, grape, pipe, nozzle, heat, wound, soil,
spirally, delivery...

Please ENTER the NAME of the file you want to search. To see a description of a file, type its page number and press the ENTER key.

FILES - PAGE 1 of 7 (NEXT PAGE for additional files)

NAME	PG	DESCRIP	NAME	PG	DESCRIP
---CASES & ADMINISTRATIVE DECISIONS--			-----PATENTS GROUP FILES-----		
IPOMNI	1	Int Prop Cases & Reg Matl	ALL	4	UTIL,DESIGN,PLANT,SIR, REEXAM & REISS
PTOMNI	1	FEDCTS, PTO, ITC, ALLREG	ALLPAT	4	Comb. ALL & INTPAT
CASES	1	FEDCTS, PTO & ITC	-----U.S. PATENTS-----		
FEDCTS	2	Patent cases from Fed. Cts.	UTIL	4	Full Text Patents from 1971*
CCPA	2	Ct Customs & Patent Appeals	DESIGN	4	Full Text Patents from 1976
CAFC	2	Patent cases from Fed. Cir.	PLANT	4	Full Text Patents from 1976
PTO	2	PATAPP & COMMR	USPGP	4	Pre-Grant Pubs. from 3/01
-----SECONDARY SOURCES-----					
IPLTR	5	Intell Prop Law Nwltrs			
IPLR	5	Intell Prop Law Rev Articles			

* Selected coverage 1/15/71 to 12/3/74

5,848,492 OR 5848492

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

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FILES - PAGE 2 of 7 (NEXT PAGE or PREV PAGE for additional files)

NAME PG DESCRIP NAME PG DESCRIP

-----PRIOR ART RESEARCH FILES-----

PUBS	7 Group file of these Journals:
COMM	8 Communications Journals
CMPTRS	9 Computers Journals
ELTRNC	10 Electronics Journals
TECHNY	11 Technology Journals
TRANS	12 Transportation Journals
ENERGY	13 Energy Journals
-----INTERNATIONAL MATERIALS-----	
CUSINF	5 Customs Administ. Rulings
ITC	5 International Trade Comm Rulings Series 337 & 731
TREATY	5 Intell Property treaties
CPR	5 Can. Patent Rprt.

-----PATENT LAW PERIODICALS-----

AIPLA	6 AIPLA Quarterly Journal
PTCLAW	6 Sec. of Intel. Prop. Law
HRVTEC	6 Harvard University Journal of Law & Technology
LAWTEC	6 Journal of Law & Technology
JNLS	6 Combined AIPLA, PTCLAW HRVTEC & LAWTEC
MHINTP	6 Martindale IP Listings
IPMAG	6 Intellect Prop
IPTDAY	6 Intellectual Property Today
IPWW	7 IP Worldwide
PATENT	6 Mar-Hub Pat. & TM Listings

GUIDE 14 LEXIS(R) Product Guide

5,848,492 OR 5848492

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For further explanation, press the H key (for HELP) and then the ENTER key.

Please ENTER, separated by commas, the NAMES of the files you want to search.
You may select as many files as you want, including files that do not appear
below, but you must enter them all at one time. To see a description of a
file, ENTER its page (PG) number.

FILES - PAGE 1 of 93 (NEXT PAGE for additional files)

NAME	PG DESCRIPT	NAME	PG DESCRIPT	NAME	PG DESCRIPT
----- THE NEWS LIBRARY -----					
-- Full-Text Group Files --		--- Full-Text By Type ---		- Full Text By Region -	
TODAY	1 Today's News	MAGS	3 Magazines	-- Papers & Wires --	
90DAYS	1 Last 90 days	MAJPAP	3 Major Papers	NON-US	1 English Non-US
CURNWS	1 Last 2 years	NWLTRS	3 Newsletters	US	1 US News
ARCNWS	1 Beyond 2 years	PAPERS	3 Newspapers	-- US Sources --	
ALLNWS	1 All News Files	SCRIPT	3 Transcripts	MWEST	3 Midwest
		WEBPUB	3 Web Pubs	NEAST	3 Northeast
-- Group File Exclusions --		WIRES	3 Wires	SEAST	3 Southeast
ALLABS	4 All Abstracts	----- Hot Files -----		WEST	3 West
NONENG	1 Non-English News	HOTTOP	2 Hot Topics *	----- Assists -----	
				GUIDE	2 Descriptions*
				LNTHS	2 L-N Index Ths*

Files marked * may not be combined.

5,848,492 OR 5848492

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What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

File 345:Inpadoc/Fam.& Legal Stat 1968-2001/UD=200135
(c) 2001 EPO

Set	Items	Description
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?s pn=us	5848492	
S1	1	PN=US 5848492
?t	1/39/1	

1/39/1

DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat
(c) 2001 EPO. All rts. reserv.

15815872

Basic Patent (No,Kind,Date): US 5848492 A 19981215 <No. of Patents: 006>

Patent Family:

Patent No	Kind	Date	AppliC No	Kind	Date
AU 9860264	A1	19990517	AU 9860264	A	19980114
EP 967861	A1	20000105	EP 98903513	A	19980114
EP 967861	A4	20001213	EP 98903513	A	19980114
US 5848492	A	19981215	US 958073	A	19971027 (BASIC)
US 5867935	A	19990209	US 642534	A	19960503
WO 9921418	A1	19990506	WO 98US793	A	19980114

Priority Data (No,Kind,Date):

US 958073 A 19971027
WO 98US793 W 19980114
US 642534 A2 19960503
US 642534 A 19960503

PATENT FAMILY:

AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9860264 A1 19990517
AGRICULTURAL APPARATUS AND METHODS WITH SUPERHEATED STEAM (English)
Patent Assignee: BROWN CLAUDE E
Author (Inventor): BROWN CLAUDE E
Priority (No,Kind,Date): US 958073 A 19971027; WO 98US793 W 19980114
AppliC (No,Kind,Date): AU 9860264 A 19980114
IPC: * A01M-015/00; A01M-013/00
Derwent WPI Acc No: * C 99-069331
Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 967861 A1 20000105
AGRICULTURAL APPARATUS AND METHODS WITH SUPERHEATED STEAM (English; French; German)
Patent Assignee: BROWN CLAUDE E (US)
Author (Inventor): BROWN CLAUDE E (US)
Priority (No,Kind,Date): WO 98US793 W 19980114; US 958073 A 19971027
AppliC (No,Kind,Date): EP 98903513 A 19980114
Designated States: (National) ES; FR; IT
IPC: * A01M-015/00; A01M-013/00
Derwent WPI Acc No: * C 99-069331
Language of Document: English
Patent (No,Kind,Date): EP 967861 A4 20001213
AGRICULTURAL APPARATUS AND METHODS WITH SUPERHEATED STEAM (English; French; German)
Patent Assignee: BROWN CLAUDE E (US)
Author (Inventor): BROWN CLAUDE E (US)
Priority (No,Kind,Date): WO 98US793 W 19980114; US 958073 A 19971027
AppliC (No,Kind,Date): EP 98903513 A 19980114

Designated States: (National) ES; FR; IT
IPC: * A01M-015/00; A01M-013/00
Derwent WPI Acc No: * C 99-069331
Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 967861 P 19971027 EP AA PRIORITY (PATENT
APPLICATION) (PRIORITAET (PATENTANMELDUNG))

US 958073 A 19971027
EP 967861 P 19980114 EP AA PCT-APPLICATION
(PCT-ANMELDUNG)
WO 98US793 W 19980114
EP 967861 P 19980114 EP AE EP-APPLICATION
(EUROPAEISCHE ANMELDUNG)
EP 98903513 A 19980114
EP 967861 P 20000105 EP AK DESIGNATED CONTRACTING
STATES IN AN APPLICATION WITH SEARCH REPORT:
(IN EINER ANMELDUNG BENANNTEN VERTRAGSSTAATEN)

ES FR IT
EP 967861 P 20000105 EP A1 PUBLICATION OF APPLICATION
WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
ANMELDUNG MIT RECHERCHENBERICHT)
EP 967861 P 20000105 EP 17P REQUEST FOR EXAMINATION
FILED (PRUEFUNGSANTRAG GESTELLT)
19990721
EP 967861 P 20001213 EP AK DESIGNATED CONTRACTING
STATES MENTIONED IN A SUPPLEMENTARY SEARCH
REPORT: (IN EINEM ERGAENZENDEN
RECHERCHENBERICHT BENANNTEN VERTRAGSSTAATEN)

ES FR IT
EP 967861 P 20001213 EP A4 SUPPLEMENTARY SEARCH REPORT
(ERGAENZENDER RECHERCHENBERICHT)
20001027

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5848492 A 19981215
AGRICULTURAL METHODS WITH SUPERHEATED STEAM (English)
Patent Assignee: BROWN CLAUDE E (US)
Author (Inventor): BROWN CLAUDE E (US)
Priority (No,Kind,Date): US 958073 A 19971027; US 642534 A2
19960503
Applic (No,Kind,Date): US 958073 A 19971027
National Class: * 047001440; 047058000
IPC: * A01M-015/00; A01G-013/00
Derwent WPI Acc No: * C 99-069331; G 99-152204; C 99-069331
Language of Document: English
Patent (No,Kind,Date): US 5867935 A 19990209
SUPERHEATED STEAM DELIVERING APPARATUS AND AGRICULTURAL METHODS
THEREWITH (English)
Patent Assignee: BROWN CLAUDE E (US)
Author (Inventor): BROWN CLAUDE E (US)
Priority (No,Kind,Date): US 642534 A 19960503
Applic (No,Kind,Date): US 642534 A 19960503
National Class: * 047001010; 047001430; 122460000
IPC: * A01G-007/00; A01G-011/00; F22G-003/00
Derwent WPI Acc No: * C 99-069331; G 99-152204; G 99-152204
Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No, Type, Date, Code, Text):
US 5848492 P 19960503 US AA PRIORITY
US 642534 A2 19960503
US 5848492 P 19971027 US AE APPLICATION DATA (PATENT)
(APPL. DATA (PATENT))
US 958073 A 19971027
US 5848492 P 19981215 US A PATENT
US 5848492 P 20010213 US RF REISSUE APPLICATION FILED
(REISSUE APPL. FILED)
20001215
US 5867935 P 19960503 US AE APPLICATION DATA (PATENT)
(APPL. DATA (PATENT))
US 642534 A 19960503
US 5867935 P 19990209 US A PATENT

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Patent (No, Kind, Date): WO 9921418 A1 19990506

AGRICULTURAL APPARATUS AND METHODS WITH SUPERHEATED STEAM (English)

Patent Assignee: BROWN CLAUDE E (US)

Author (Inventor): BROWN CLAUDE E (US)

Priority (No, Kind, Date): US 958073 A 19971027

Applic (No,Kind,Date): WO 98US793 A 19980114

Designated States: (National) AL; AM; AT; AU;

CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB; GE; GH; GM; GW; HU; ID;
IL; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG;
MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ;
TM; TR; TT; UA; UG; UZ; VN; YU; ZW (Regional) GH; GM; KE; LS; MW;
SD; SZ; UG; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; CH; DE;
DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG;
CI; CM; GA; GN; ML; MR; NE; SN; TD; TG

Filing Details: WO 100000 With international search report

IPC: * A01M-015/00; A01M-013/00

Derwent WPI Acc No: * C 99-069331

Language of Document: English

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Legal Status (No, Type, Date, Code, Text):

WO 9921418 P 19971027 WO AA PRIORITY (PATENT)

US 958073 A 19971027

WO 9921418 P 19980114 WO AE APPLICATION DATA (APPL. DATA)

WO 98US793 A 19980114
WO 9921418 P 19990506 WO AK DESIGNATED STATES CITED IN A
PUBLISHED APPLICATION WITH SEARCH REPORT
(DESIGNATED STATES CITED IN A PUBLISHED APPL.
WITH SEARCH REPORT)

WITH SELECT RECALL,
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ
DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT UA UG UZ VN YU ZW

WO 9921418 P 19990506 WO AL DESIGNATED COUNTRIES FOR
REGIONAL PATENTS CITED IN A PUBLISHED
APPLICATION WITH SEARCH REPORT (DESIGNATED
COUNTRIES FOR REGIONAL PATENTS CITED IN A
PUBLISHED APPL. WITH SEARCH REPORT)
GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD
RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT
LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR
NE SN TD TG

WO 9921418 P 19990506 WO A1 PUBLICATION OF THE
INTERNATIONAL APPLICATION WITH THE
INTERNATIONAL SEARCH REPORT (PUB. OF THE

INTERNATIONAL APPL. WITH THE INTERNATIONAL
SEARCH REPORT)

WO 9921418 P 19990707 WO 121 EP: PCT APP. ART. 158 (1)
(EP: PCT ANM. ART. 158 (1))

WO 9921418 P 20000224 DE 8642/REG IMPACT ABOLISHED FOR DE
(WIRKUNG WEGGEFALLEN FUER DE)